

General Offices/3M  
3M Center  
St. Paul, Minnesota 55144-1000  
(612) 733-1110

Dpm 570

MATERIAL SAFETY  
DATA SHEET

**3M**

DIVISION: ADHESIVES, COATINGS AND SEALERS  
TRADE NAME: SCOTCH-SEAL(R) Tamper Proof Sealant 1252  
(White)  
3M I.D. NUMBER: 62-1926-0304-1 62-1926-2604-2  
ISSUED: NOVEMBER 2, 1985  
SUPERSEDES: NOVEMBER 1, 1985  
DOCUMENT: 10-3197-0

1. INGREDIENTS		C.A.S. NO.	PERCENT	EXPOSURE LIMITS	
synthetic rubber		N/A		N/D	5
resins		N/A		N/D	5
fillers		N/A		N/D	5
fungicide		N/A		N/D	5
colorant		N/A		N/D	5
TOTAL OF THE ABOVE		N/A	70.0	N/D	5
methyl ethyl ketone (MEK)		79-93-3	26.0	200 ppm	1
antimony trioxide		1309-64-4	4.0	.5 mg/m <sup>3</sup> Sb	1

SOURCE OF EXPOSURE LIMIT DATA:  
1. ACGIH Threshold Limit Values  
2. Federal OSHA Permissible Exposure Limit  
3. 3M Exposure Guidelines  
4. Chemical Manufacturer Recommended Guidelines  
5. None Established

ABBREVIATIONS:  
N/D - Not Determined  
N/A - Not Applicable

2. PHYSICAL DATA	
BOILING POINT:	176F (MEK)
VAPOR PRESSURE:	268F 80 mm
VAPOR DENSITY (Air=1):	2.5
EVAPORATION RATE (Ether=1):	2.7
APPEARANCE AND ODOR:	White paste, solvent odor
SOLUBILITY IN WATER:	Slight
SP. GRAVITY (Water=1):	1.5
PERCENT VOLATILE:	26
VISCOSITY:	200-1,000 CPS
pH:	N/A

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3. FIRE AND EXPLOSION HAZARD DATA

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FLASH POINT (Closed Cup): 20F  
FLAMMABLE LIMITS - LEL: 1.8 UEL: 11.5

EXTINGUISHING MEDIA:

CO2, foam, dry chemical, water

SPECIAL FIRE FIGHTING PROCEDURES:

Fire fighters should be equipped with self-contained breathing apparatus when fighting fires involving this material.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Extremely flammable. Overheated, closed containers adjacent to fire could explode due to pressure buildup.

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4. REACTIVITY DATA

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STABILITY: STABLE

INCOMPATIBILITY - MATERIALS TO AVOID:

N/A

HAZARDOUS POLYMERIZATION: MAY NOT OCCUR

HAZARDOUS DECOMPOSITION PRODUCTS:

CO, CO2, Sb2O4, Sb2O5 and smoke particles.

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5. ENVIRONMENTAL INFORMATION

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SPILL RESPONSE:

Observe precautions in all sections. Extinguish all ignition sources. Collect spilled material, cleanup residue and store in closed metal container (U.S. Dept. of Transportation approved if waste will be shipped).

RECOMMENDED DISPOSAL:

Commercial incineration with destruction and removal efficiency greater than 99.99% or reclamation is preferred. Otherwise, dispose in accordance with applicable regulations.

U.S. EPA Hazardous Waste Number: D001 (Ignitable).

ENVIRONMENTAL DATA:

N/D

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6. SUGGESTED FIRST AID

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EYE CONTACT:

Immediately flush eyes with plenty of water for at least 10 minutes  
and call a physician.

SKIN CONTACT:

Wash with soap and water.

INHALATION:

Provide fresh air. If not breathing, give artificial respiration.

IF SWALLOWED:

Call a physician.

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7. PRECAUTIONARY INFORMATION

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Keep product and its vapors away from heat, sparks and flame. Use  
only in areas adequately ventilated with enough air movement to  
remove vapors and prevent vapor buildup. Avoid eye and skin contact.  
Avoid prolonged breathing of vapors. Keep container closed when not  
in use. Keep out of reach of children.

NOTE: Utilize personal protective equipment when handling this  
product, i.e. impervious gloves and safety glasses. Local exhaust is  
preferred.

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8. HEALTH HAZARD DATA

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EYE CONTACT: May cause irritation, including smarting, tearing and redness.

SKIN CONTACT: May cause irritation on prolonged or repeated contact.

INHALATION: Overexposure to methyl ethyl ketone (MEK) vapors may cause respiratory system irritation and temporary nervous system impairment. Symptoms of overexposure include dizziness, headache, nausea and narcotic effects.

INGESTION: If swallowed, digestive system irritation is to be expected. Symptoms include nausea and vomiting. Aspiration of liquid into the lungs through vomiting may cause lung damage.

OTHER: Studies of laboratory animals indicate that chronic overexposure to methyl ethyl ketone (MEK) has shown embryo fetotoxic effects. There is no record of adverse reproductive effects to humans.

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The information on this Data Sheet represents our current data and best opinion as to the proper use in handling of this product under normal conditions. Any use of the product which is not in conformance with this Data Sheet or which involves using the product in combination with any other product or any other process is the responsibility of the user.